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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE
MARKET NEWS SECTION -- COTTON DIVISION
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United States Cotton Quality Report For Ginnings Prior 70 September 1, 1972

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September 14, 1972

Upland cotton ginned in the United States prior to September 1 this season contained the smallest proportion of Middling and higher White grades on record, according to the Department of Agriculture, Agricultural Marketing Service. Five percent of the total ginnings was in these higher grades. The Light Spotted grades accounted for the largest proportion of ginnings through August 31 in eight years. Cotton stapling 1-1/16" and longer comprised a somewhat larger percentage of this season's early ginnings than a year ago. Micronaire test results indicate that cotton in the 3.5-4.9 mike category accounted for 79 percent of ginnings against 84 percent a year earlier. Fiber strength averaged 82,000 pounds per square inch compared with 85,000 pounds last season.

Middling and higher White grades comprised five percent of ginnings prior to September 1 this season. This is the smallest percentage of these higher grades for any comparable period on record. Low Middling accounted for 19 percent of total ginnings, the largest percentage on record. The Light Spotted and other Colored grades were equivalent to 44 percent of this season's ginnings prior to September 1 compared with 32 percent last season. The grade index of upland cotton ginned through August 31 this season was 88.5 (Middling White=100) against 89.8 for the same period a year earlier.

The lengths shorter than one inch accounted for 12 percent of ginnings through August 31. This compares with last season's record-low proportion of nine percent in these shorter staples. Cotton stapling 1" and 1-1/32" was equivalent to 32 percent of early ginnings against 38 percent in the previous season. The staples 1-1/16" and longer comprised 57 percent of ginnings prior to September 1 compared with 53 percent in the corresponding period a year earlier. The average staple was 33.2 thirty-seconds inches, the same as a year ago.

Cotton ginned prior to September 1 this season totaled 521,000 bales, according to the Bureau of the Census. This compares with 365,000 bales ginned to the same date last season and 280,000 bales two years ago. As usual, cotton ginned in the early producing sections of Texas accounted for virtually all of the cotton ginned prior to September 1.

Table 1. Specified measures of quality for upland ginnings 1/

Item	Augus	t 1-31	Season thro	
	1971	1972	1971	1972
Grade index (Mid. White=100)	87.4	88.5	89.8	88.5
Average staple, 32nd inch	33.3	33.2	33.2	33.2
Rough preparation, percent	161	. 0.0	102	(Ca) Mark
Tenderable, percent 2/	44.9	40.7	55.0	41.7
Average mike reading	4.5	4.4	4.6	4.4
Average fiber strength (Mpsi) 85.5	82.7	85.4	82.4

^{1/} Data for current season are preliminary.

^{2/} Tenderable for grade and staple and mike in settlement of futures contracts

^{*} Less than 0.05 percent.

Table 2. Upland cotton ginned in the United States, by grade 1/

Grade			August 1	-31		Seaso	on through Au	gust 31	
0.000	Code	1971	1972	1971	1972	1971	1972	1971	1972
200	F F F S (2-4)	Bales	Bales	Percent	Percent	Bales	Bales	Percent	Percent
White	hit mades								
G.M.	(11)	-	-	-	-	-	-		-
S.M.	(21)	177	422	0.1	0.1	748	490	0.2	0.1
M.+	(30)	draway and	A marthanian	- branchara	and the same of	and the Company of the Lorentz of	take and tracks	-	
M.	(31)	17,657	24,098	7.3	5.0	42,451	25,270	11.6	4.9
S.L.M.+	(40)	879	1,557	0.4	0.3	2,179	1,625	0.6	0.3
S.L.M.	(41)	65,934	134,988	27.2	28.2	132,997	145,587	36.6	28.0
L.M.+	(50)	1,187	3,440	0.5	0.7	2,815	3,825	0.8	0.7
L.M.	(51)	43,453	89,244	18.0	18.6	51,461	99,867	14.1	19.2
S.G.O.+	(60)	162	214	0.1	diet ens	162	308	STOVA CAL	0.1
S.G.O.	(61)	12,839	12,854	5.3	2.7	12,917	13,615	3.5	2.6
G. O.+	(70)	Street of Tolk	38	to dissource			38	of Done and To	EDD-DH.
G. O.	(71)	1,696	1,148	0.7	0.2	1,696	1,174	0.5	0.2
Light Spotte	ed								
G.M.	(12)	to c'hones-	287 % (*)		house-up	S MESSE SUFER	a Deserted ear	We has -be	Frenc -
S.M.	(22)	52	42	Gavin selle	CORDER DE	141	51		97303 ·
М.	(32)	9,954	23,428	4.1	4.9	17,780	23,975	4.9	4.6
S.L.M.	(42)	39,066	107,255	16.1	22.3	48,806	116,579	13.4	22.4
L.M.	(52)		57,954	13.1	12.1	32,240	63,078	8.8	12.1
Cnattad									
Spotted G.M.	(13)						MEN "SE\I-I'S		
S.M.	(23)	15	Suppress Vo	Bucksquip	Tonger by	15	n. The stapt	OUS TRAIT	Tirty
М.	(33)	129	958	0.1	0.2	303	1,018	0.1	0.2
S.L.M.	(43)	1,115	7,567	0.5	1.6	1,289	8,063	0.4	1.5
L.M.	(53)	4,066	8,803	1.7	1.8	4,182	9,222	1.1	1.8
	mar such c			Con teller	of motion			homia n	1000
Tinged 2/ (126	101	of the last of the last	al barre	126	• 119	T CHICAGO	S SHAT
Stained 2/(15-35)		Busseline	I rednesiges	-	Denistra Post	on may to like	William Coll.	107
Light Gray G.M. (16)									
G.M. (16)		-	-	-	-	-	_	-	_
G.M. (16) S.M. (26)		76		t office !	astures of	19	76		
		772	719	0.3	0.1	1,218	899 0.3		0.2
M. (36) S.L.M. (46)		1,684	328	0.7	0.1	1,684	388	0.5	0.1
right.		Season Lie							
	(17)								
Gray G.M. (17)		1000		3171	-		-	-	-
S.M. (27)		85	101	18.30		05	702	E) zsteil	eheri)
M. (37)			101	0.1		85	101		STANK .
S.L.M.	(47)	194	25	0.1		194	42	0.1	19918
Below Grade	3/	8,958	5,183	3.7	1.1	8,997	5,286	2.5	1.0
All grades		241,975	480,543	100.0	100.0	364,505	520,696	100.0	100.0

^{1/} Data for current season are preliminary.

^{2/} Includes all grades.

^{3/} Bales that are lower in grade than the lowest official standard for the corresponding color group.

^{*} Less than 0.05 percent.

Table 3. Upland cotton ginned in the United States, by staple $\underline{1}$ /

Staple Code		August :	1-31		Seas	on through	August 3	31
(32nd inches)	1971	1972	1971	1972	1971	1972	1971	1972
	Bales	Bales	Percent	Percent	Bales	Bales	Percent	Percent
26 and shorter		13	-			13	-	
28	255	88	0.1		255	88	0.1	
29	3,052	2,585	1.3	0.5	3,139	2,585	0.9	0.5
30	13,674	23,042	5.7	4.8	14,680	23,059	4.0	4.4
31	12,389	34,178	5.1	7.1	15,248	34,306	4.2	6.6
32	14,687	36,397	6.1	7.6	35,420	37,107	9.7	7.1
33	44,717	121,606	18.5	25.3	102,206	126,696	28.0	24.3
34	147,224	253,906	60.8	52.8	186,834	284,906	51.3	54.8
35	5,880	8,463	2.4	. 1.8	6,626	11,645	1.8	2.2
36	97	252		0.1	97	278		0.1
37	1 1 -	13	B -		-	13		
38	-	_	-	-		-	11: - 1	19 -
39	-	-	-	-		-	- 0	13 000
40 and longer	-	-	18-3				- 6	18 -
All staples	241,975	480,543	100.0	100.0	364,505	520,696	100.0	100.0

^{1/} Data for current season are preliminary.

Table 4. Percentage of ginnings reduced in grade, by specified causes, prior to September 1, 1972 with 1971 comparisons, by states 1/

			The Park Inches	Grade red	luctions			
State	Gra	ss	Ba	rk	Other o	auses	Total re	ductions
	1971	1972	1971	1972	1971	1972	1971	1972
Texas	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
	6.4	4.9	0.5	5.6	18.8		6.9	10.5
United States	6.4	4.9	0.5	5.6			6.9	10.5

^{1/} Data for current season are preliminary.

[•] Less than 0.05 percent.

^{*} Less than 0.05 percent.

Percentage distribution of the grade of upland cotton ginned prior to September 1, 1972 with 1971 comparisons, by states 1/ Table 5.

	Grade index 2/	1971 1972	4- 4	93.2	- 4.88	8.68	91.8	- 9.06	89.8 86.5	- 0.001	89.1 96.9	89.8 88.5
	Below	1971 1972	Pet. Pet.	1	1	-	-		2.5 1.0	1	Jeys Jeys	2.5 1.0
	Other	1971 1972	Pct. Pct.	20		N OF SO IN			2.5 3.9	-	1	2.5 3.8
	LM 52	1971 1972	Pet. Pet.	0.0	1	100			8.8 12.1	100	4.0 -	8.8 12.1
potted	SLM 42	1971 1972	Pct. Pct.	1	1	100			13.4 22.4	4-5 B	- 0.7	13.4 22.4
Light Spotted	M 32	1971 1972	Pot. Pot.	-1	1	1	1	1	4.9 4.6	1	17.9 1.1	4.9 4.6
	SM 22 & higher	1971 1972	Pet. Pet.	1	1	1	1	1		1	9.0 -	
	SGO+ SM 60 22 & lower & highe	1971 1972	Pet. Pet.	1	1	1	1	1	4.0 2.9	1	- 0.4	4.0 2.9
	LM 51	1971 1972	Pot. Pot.	15.4 -	54.5	46.2 -	25.0 -	37.5 -	14.1 19.2		60.7 4.0	14.1 19.2
	LMH	1971 1972	Pot. Pot.	- 7.7	9.1 -			1	0.8 0.7	1	- 1.4	0.8 0.7
O)	SLM 41	1971 1972	Pct. Pct.	61.5 -	36.4 -	53.8 -	- 0.57	62.5 -	36.6 28.0	1	21.4 42.8	36.6 28.0
White	SLM+	1971 1972	Pct. Pct.	1	1	1	1	1	0.6 0.3 36.6 28.0	1	8.0	0.6 0.3
	M 31	1971 1972	Pet. Pet.	15.4 -	1	1	1	1	11.6 4.8	100.0	- 34.7	11.6 4.9
	M+	1971 1972	Pet. Pet.	1	1	1	1	1		1	1	1
	SM 21 & higher	1971 1972	Pet. Pet.	1	1	1	1		0.2 0.1	1	- 13.1	0.2 0.1
	State			8.0.	Ga.	Ala.	Miss.	La.	Tex.	Ariz.	Other	U.S.

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Middling White equals 100. Less than 0.05 percent.

Table 6. Percentage distribution of the staple of upland cotton ginned prior to September 1, 1972 with 1971 comparisons, and total ginnings, by states 1/

- 4 -

1													
	10	innings	1972	Bales	1	'	1	1	,	479,826		717	520,696
	Total	upland ginnings	1971	Bales	13	33	13	4	16	364,395	б	28	33.2 33.2 364,505
1	9	15 60	1972			1				33.2	1	34.1	33.2
1	Amonage	staple 2/	1971	- 5	34.6	34.3	34.1	34.8	34.6	33.2	35.0	34.2	33,2
1			1972	Pet.		1			t	1	1	1	
	70	38 and longer	1971	Pct.		-				1		1	
	-		1972	Pet.	- 13				3			1	
		37	1971	Pet. F	, 1	1	- 1 -			1	,		
			1972 1	Pct. P	í	1	1	,		0.1		C	0.1
		36	1971	Pct. P		ī	1				,	1	182
			1972			1	,	1		2.2	,	21.2	2.2
		35	1971 19	Pet. Pe	61.5	27.3	23.1	75.0	56.2	1.8	0.0		1.8
			1972 19	Pct. Pc	- 61	- 27	- 23	- 75	- 56		100.0	71.3 17.9	
	es	34			ທຸ	7.	10.	0	80	51.3 54.7	a tyto		28.0 24.3 51.3 54.8
	inch		175 1971	Pot.	38.5	- 72.7	- 61.5	- 25.0	- 43.8	4 51		7.5 82.1	3 51
	Code (32nd inches	33	1 1972	· Pet.			4			0 24.4	-		0 24.
-	-		2 1971		_	-	15.4			1 28.0		1	
	Staple	32	1972			1		· ·	ŧ	1.7	,		9.7 7.1
			1791	Pct.	'	'		ŧ	1	7.6	1	1	700
		31	1972		Lee Li	1	'	'	-	9.9	,		9.9
		9	1972 1971	Pct.	'	1	1	1	ŧ	4.2		1	4.2
		0		Pct.	•	1			1	4.4	1	1	4.4
		30	1971	Pet.	•	1	1	1	1	4.0	1	C	4.0
			1972	Pet.	1	1	1	.1	.1.	0.5	1	•	0.5
		29	1971	Pct.		1	ſ	1	1	6.0	1	1	0.9
		nd	1972	Pet.	-	1	·	1	1		1	1	•
		28 and shorter	1971	Pet.	1	1		1	1	0.1		1	0.1
		State			S.C.	Ga.	Ala.	Miss.	La.	Tex.	Ariz.	Other	u.s.

Data for current season are preliminary. Expressed in thirty-seconds of an inch. Less than 0.05 percent. U. 14/41

Data Data

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Percentage distribution of micronaire readings for upland ginnings prior to September 1, 1972 with 1971 comparisons, by states $\underline{1}$ Table 7.

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	2.6	9					*										5,3				Totals	ls				
State	and	d ow	2.7.	2.7-2.9	3.0-3.2	3.2	3.3-3.4	3.4	3.5-	3.5-3.9	4.0-4.4		4.5-4.9	6.1	5.0-5.2	5.2	and	O O	Below 3.5	3	3.5-4.9	6	5.0 and above	and	Average mike	99 0
	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	2791 1791 2791 1791 2791 1791 2791 1791 2791 1791	1972	1971	1972	272 172 1972 1751 1751 1751	1972	1971	972 1	1971 1972		1971 1972 1971 1972	1972	1971		1971	1972
	Pet.	Pct.	Pet.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pet.	Pct. Pct. Pct. Pct. Pct. Pct. Pct. Pct.	Pot.	Pet.	Pct.	Pot. Pot. Pot. Pot. Pot. Pot. Pot.	Pct.	Pct. P	ct. P	ct. Po		Pet.	Pct. Pct. Pct.	Pot. I		Rdg.	Rdg.
S. C.		1	1	ı	ı	1	1	1	7.7	1	92.3			1	1	1	1,	1	1	- 10	100.0		1		4.1	1
Ga.	ı	1	7.1		1	,		- 1	6.1	1	9.69	1	24.3	î	ī	1	1		E	٦ -	100.0	-1	1		φ. 6.	
Ala.	1	1	1	1	-1	1.		1	1	10	61.5		38.5	1		1	1	1		- 10	100.0	1	1		4.5	•
Miss.	.1	1	1	1	1	1	1	1	1	1	25.0	1	75.0	1	1		1	1		- 10	100.0	1	1	i	4.6	1
La.	1	1	1	1	1	1	1	1	1	1	56.2		43.8	1	1	1	1	1	1	- 10	100.0	1		1	4.4	.,1
Tex.	•	0.1	0.2	1.1	0.5	2.8	0.7	2.6	5.3 13.		1 28.8 33.7	33.7	49.7	32.5	49.7 32.5 12.6 10.6		2.2	3,5	1.4	9 9.9	83.8	79.3 14.8 14.1	14.8 1	4.1	4.6	4.4
Ariz.	1	Ť	1	1	1	1,	. 1	1	. 1	1	1	,	100.0	1		1	1	1	ı	- 10	100.0	1	1		4.6	
Other	1	1	L	1	1	1	1	1	7.2 14.	N	92.8 40.9	40.9		4.0	1		1	1		- 10	100.0 100.0	0.00	1		4.1	4.4
u. s.	*	0.1	0.1 0.2	1.1	0.5		2.8 0.7 2.5	2.5	5,3 13,		1 28.9 33.8	33.8	49.6	32.5	49.6 32.5 12.6 10.6		2.2	3.5	1.4	6.5	83.8 79.4 14.8 14.1	79.4	4.8 1	4.1	4.6	4.4
1/ Da	Data for	curi	ent	seasor	for current season are preliminary.	preli	minar	Δ.																		1

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Less than 0.05 percent.

Table 8. Percentage distribution of fiber strength for upland cotton ginnings, prior to September 1, 1972 with 1971 comparisons by states 1/

							Zero	Gage Fi	ber Sti	Gage Fiber Strength (Mpsi	(Mpsi)								Ave	Average
State	64 &	64 & below	69-59	69	70-74	74	75-	79	80-84	34	85-89	39	90-94	74	95-99		100 & above	above	stre	strength
	1971	1972 1972 1972	1971	1972	1971 1972		1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972
	Pet.	Pet.	Pet.	Pet.	Pet.	Pct.	Pet.	Pct.	Pet.	Pct.	Pct.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pct.	Mpsi	Mpsi
Tex.	ı	1	1	0.3	0.6 3.2	3.2	11.0	22.9	33.6	42.2	33.9	25.5	16.9	5.5	3.6	3.6 0.4	4.0	*	85.4 82.4	82.4
u. s.	- 1		1	0.3	9.0	0.6 3.2 11.0	11.0	22.9	33.6 42.2		33.9	25.5	16.9	5.5	3.6	4.0	4.0	*	85.4 82.4	82.4

Data for current season are preliminary. 17 *

Less than 0.05 percent.

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